

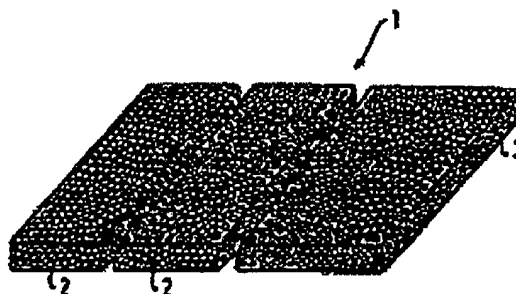
Acoustically Insulating sheets - consist preferably of particles of scrap thermoplastics which are welded together at their points of contact and leave voids between them

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Abstract of DE3925354

A sound insulating material has particles of plastics which are bonded together only at their points of contact, leaving voids between them elsewhere. The polymers concerned are thermoplastic and preferably scrap. Pref. the insulation is made of sheets of uniform thickness, consisting of particles of scrap plastics with SG greater than 2.3 which have the form and size of pebbles. The sheets are made in a female mould with a flat sheet cover; tubes are arranged to blow hot air into the mould. The mould has a number of vents for air escape. It is filled with the particles, the lid is applied, and hot air is blown in. The air passes through the interstices between the particles thereby welding together where they are in contact. **ADVANTAGE** - The products are cheap.



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